

**Individually-Contoured Seat Cushion
and Shape Capturing and Fabricating Method for Seat Cushion**

Abstract of Disclosure

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A negative impression of an anatomical portion of a person is captured by forcing the anatomical portion into impression foam to collapse the impression foam into the negative impression. The impression foam has a crush characteristic of approximately constant resistance force over a relatively wide

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predetermined range of collapse distances. The negative impression is obtained by collapsing the impression foam within the range of constant-force collapse distances, thereby creating the negative impression under conditions which reflect an equally-loaded anatomical portion. A cushion support contour created from the equally-loaded negative impression is beneficial in more appropriately supporting

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the anatomical portion. The present invention is particularly useful in fabricating wheelchair seat cushions.